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IM Elfadel, et al., "Accuracy and performance of Passive Transmission Line Macromodels Based on Optimal Matrix Rational Approximations", presented and ...

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also observed that when the macromodels, obtained, using order-reduction techniques, ... that a single transmission-line model that can provide ...

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For the most part the commercial tools we use do a transmission line simulation on the connectivity ... 3) Select models for the drivers and receivers (\*) ...

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that the macromodels obtained with the proposed reduction, algorithm are significantly more ... Example of a nonlinear transmission line circuit model. ...

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point can become quite inefficient. To demonstrate this, the formulation and model-order reduction was applied, to a 1 cm long transmission line example. ...

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Transmission line macromodels can be classified into main categories of ... line theory may select the wrong or less efficient transmission line model (eg, ...

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macromodels for 5%, acceptable error versus a lumped modeling, approach. Q". FIGURE 11: Transmission line tree with, L=O.lnH, C=O.lpF, R=OO75Q dSomm), ...

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